

SEQUENCE LISTING

Rat TCP #1 amino acid sequence--SEQ ID NO:1

5 MIRHEQSLVGGSQAPLGLLLICLGLPGLFARSIGAPEEKVSPHSGQPSFTS
LLNSGQPQPKPDSVNNELPGVLPRLSESPQDGS LPKGGSEVPGGPPFWGRP
PFWGPPPMESWPSED PQQGMFADAEDHLEPVLPEALSYLSRDSPLPEASS
AHVKQPSPEASYPLDTEPEPQPGSRSLTEAEAFARSPFWFLVHKLLPGV
SGRILNPGTSWGGGAGTGWGTRPMPYPGSIWGSNGLVSGTSLVGNGRYP
AGIWGGNGRYPVGIWGGSGRYPAGIWGGSGRYPAGIWGGNGRYPVGSWGG
10 NGRYPVGSWGGIGRYPVGNWGGNGQYPAGSWGSNGRYPAGSWGPNCQYPA
GSRGPNCQYPPGWSWAKGQKRLPPGVKPPGSSGGSP

Mouse TCP #1 amino acid sequence--SEQ ID NO:2

15 MQSHAGGSRAPLGLLLICLCLPGLFARSTGAPEEKASPHSGQPSFTSLLNPGQLQPKDPVN
NELLGVLPRLSESPQDGLALPEGGSEVPNGPPFWGPPPMESWPSED PQQGMAAVAEDQLEQML
PEALPYLSRGRLPEASSARLRQPSAASYPDSEAGLQPGSSSLETEAEAFARSPFWFLIH
KLLPGSSGRILRPGTSWGGGAGTGWGTRPMPYPGSIWGSNGLVSGTSLGGRGPYPVRIWGR
NGWYPLRILGGNGRYPVVG TWGGYGQYPPVGTWGGYGQYPPVGPWGGYGQYPPVGTWGANCO
YPAGSRRPNCRYPAGSWGTGQNRLPPGAKRPGSSGITP

Rat TCP #2 amino acid sequence--SEQ ID NO:3

MDKQQFPAAGILLAAFLVVSASTLTLLSTNGDPDQFSPDGTSAQQSN
NILLGILTNDTG SINSTERESEALGRRAGAFSTEGAGGQESPPMPGPGSGT
VTPEPIRSALTTS AAYMAADSQPVSPAEPEVEEILALGILETITMSSPQP
25 SPIHGSEPKFKKAFRPPHLLWHTPNPTVQMLVPAWRNGHSRPEASSSVAL
APRTSLGLPVFPWMPNILKATEPLLPAEPGRGLGLDLTSQVGSFSFEDTGP
VSGGANDSPQPPVSAIVSSTTDSSIKTSNLAPQTALQPQPPGFWFPFAQS
ACPPSLSSTSPALPLPHTALAYTESSVDAEPTQASTLPHLGQAMSLQNL
FSTPGPRHTTHSVTFRTNSSCFRIVVWSLVPLECWLLNRLICYQLQLIYH
30 EAFSNFKNVSALLFRPGSTE VKASLVFGPPDPSALEILWTLYRKVKSSRW
SLGYLSLADHGLSSDGYNTNDRQETINISFTLMKPFLPQLLLPSQPFL
LMEKQTLQLVTHEVSRFYKAELQEQLLLFSNVKEWVSIYVEYKFKSPIP
NHLQGLASHLAHHITDPTIQSSIVANGEKADLVFYETWLLILGYPFKA
LENKTSSSESQKLRLGLLTRLQTSVLQPLQNFQVVEEFHQEPLTARVQTA
35 FFEAAPAQAVIQDSMLQALGSLQEAEGLEMLLPVLGTPSSSRASRGPRG
GAVLNLQFITS LFLVALCTALPFTKKQTPYLF

Mouse TCP #2 amino acid sequence--SEQ ID NO:4

MDKQWFPAAGILLAAALLVVSASTLTLLSTNEDPEQFSPAPGTS AQQSSRILIGI
40 LTDVTGGINSVEREPEALGRRAGGLSTEGAGGQESPMGPGRVIEPIPSAL

TTSASDMASQPVSSGADPIEEIMALGTLETITMSSPQSPRHESEQKFDKVFRS
 PHLLWCTPNSTVYIPVPAWRDGHRSRPEASSSVPLAPSTSLGLPIFPWMPNILKA
 TESLLPASPGRSGLDLTSQVGSRASENTVALDTGVPVSRGASDSPQTPSTTDSF
 IKTSNLGPQIALQPSHPGLWLPTSPIHMPTLSLQHFSSPPSTAHSSGFTESSVH
 5 ADPTLASTLPHPGQDMSLQDLFSFTGGRSHTTHSVTFRINSNRFTKAVWNLVPL
 ERWLLNRLICYQLRFIYQEAFFNFRNVSTLLFRPGCPEVKASLIFGPPDPSSIE
 ILWTLYRKVKSSRWLSGLADHGLSSDGYSMTDLTQEIINISFTLMRPFLPQ
 LLLPSSQPCILLEKQTIQLVTHEVSRFYKAELQSQPLLLFSNVKEWVSVYMEYK
 FKSPIPIRLQGLASHLAHHITDPTLQKSSIMANGEKADLVFYEMWLLILGHPFT
 10 KTLENKTSSECQELRGLLTRQLTSVLQPLKNFGQVVVEEFHQEPLTARVQTAF
 GAVPAQAI IQDTVLQALGSLQETEGLEMLLPVLGTPSSRASRGPRGGAMLNL
 QRFTSLFVLVALCTAPPFINKQALYLS

Rat TCP #3 amino acid sequence--SEQ ID NO:5

15 MDRFRMLFQNFQSSSESVTNGICLLAAVTVMYSSLDNCPCLERYNALYGLGLLLTPPLA
 LFLCGLLVNRQSVLMVEEWRRPAGHRRKDLGIIRYMCSSVLQALAAPLVWILLALLDGGKCL
 VCAFSNSVDPEKFLDFANMTPSQVQLFLAKVPCKEDELVTNPARKAVSRYLRCLSQAIGWS
 ITLLVIVVAFLARCLRPCFNQTVFLQRRYWSNYMDLEQKLFDETCCEHARDFAHRCVLHFFA
 SMQSELRALGLHRDPAGEILESQEPPEPPEEPGSESGKAHLRAISSREQVNHLLSTWYSSKP
 20 PLDLAASPRLWEPGLNHRAPIAAPGTKLGHQLDV

Mouse 1 TCP #3 amino acid sequence--SEQ ID NO:6

MDRFRMLFQHLQSSSESVMGICLLAAVTVKIYSSLDNCPCLERYNALYGLGLLLTPPL
 ALFLCGLLVNRQSVLMVEEWRRPAGHRRKDLGIIRYMCSSVLQALAAPLVWILLALLDGGK
 25 FVCAFSNSVDPEKFLDFANMTPRQVQLFLAKVPCKEDELVKNSPARKAVSRYLRCLSQAIGW
 SITLLVIVVAFLARCLRPCFDQTVFLQRRYWSNYMDLEQKLFDETCCEHARDFAHRCVLHFF
 ANMQSELRALGLRRDPAGGIPESQESSEPELREDRDSNGKAHLRAISSREQVDQLLSTWY
 SSKPPLDLAASPRRWGPGLNHRAPIAAPGTKLCHQLNV

Mouse 2 TCP #3 amino acid sequence--SEQ ID NO:7

30 MEKFKAVLDLQQRKRNALGYSLVTLTLAGGEKIFSSVVFQCPCTATWNLPYGLVFLLVPALA
 LFLGYALSARTWRLLTGCCSRSAFSSGLRSAFVCAQLSMTAAAFAPLTWVAVALLEGSFYQ
 CAVSGSARLAPYLCKGRDPNCNATLPQAPCNKQKVEMQEILSQLKAQSQVFGWILIAAVIIL
 LLLVKSVRTCFSPVSYLQLKFWEIYWEKEKQILQNQAAENATQLAEENVRCFFECSKPKECN
 35 TTSSKDWQEISALYTFNPKNQFYSLHKKYVSREEMSGSVRSVEGDAVIPALGFVDDMSMTNTHL

Human 1 TCP #3 amino acid sequence--SEQ ID NO:8

FLLLSSILGRAAVPVTVSVISLLRGEAYVCALSEFVDPSSLTAREEHFSAHATEILARFP
 CKENPDNLSDFREEVSRRLRYESQLFGWLLIGVVAILVFLTKCLKHYCSPLSYRQEAYWAQY
 40 RANEDQLFORTAEVHSRVLAANNVRRFFGFVALNKDDEELIANRPVEGTQPRPQWNAITGVY
 LYRENQGLPLYSRLHKWAQGLAGNGAAPDNVEMALLPS

Human 2 TCP #3 amino acid sequence--SEQ ID NO:9

MEKFRAVLDLHVKHHSALGYGLVTLTLAGGERIFSAVAFQPCSAAWNLPYGLVFLLPALA
LFLGVLARSARTWRLLTGCCSSARASCGSALRGSVCTQISAAAALAPLTWVAVALLGAFY
5 ECAATGSAAFAQRLCLGRNRS CAEPLVPCNQAKASDVQDLLKDLKAQSQVLGWILIAVVI
IILLIFTSVTRCLSPVSFLQLKFWKIYLEQEQQILKSKATEHATELAKENIKCFEFGSHPKE
YNTPRHEKRWQQISSLYTFNPKGQYYSM LHKYVNRKEKTHSIRSTEGDTVIPVLGFVDSSGI
NSTPEL

10 Rat TCP #1 nucleotide sequence--SEQ ID NO:10

GAATTCGGCACGAGCAGAGCCTCGTGGGTGGGAGCCAGGCTCCCCTAGGCCTGCTCCTGATC
TGCTTGGGTCTGCCAGGCCTCTTTGCACGGAGCATTGGGGCACCAGAGGAGAAAGTCTCCCC
ACATTCGGGACAACCTTCCTTACCAGCCTCCTCAACTCTGGACAGCCTCAGCCCAAGCCAG
ACTCTGTGAATAATGAGTTACCAGGGGTCTTCCGAGGCTCAGCGAATCTCCACAAGATGGA
15 TCTCTACCCAAGGGTGGCTCTGAGGTGCCTGGTGGGCCTCCTTCTGGGGGCGGCCTCCCTT
CTGGGGGCGCCTCCCATGGAGTCTTGGCCCTCAGAGGACCTCAGCAAGGGATGTTTGCTG
ATGCCGAGGACCACTTGGAGCCAGTTCTGCCAGAAGCCTTGTACATACCTTTCCAGAGACAGT
CCTCTGCCTGAGGCTTCTCTGCGCATGTCAAGCAACCTTACCAGAGGCTTCTACCCCT
GGACACAGAGCCTGAACCACAGCCTGGTTCCAGATCGCTGGAACTGAGGCAGAAGCCTTCG
20 CCCGGAGCCCATTCTGGTTTCTTGTCCACAACTTCTGCCTGGTGTATCCGGGAGGATCCTA
AATCCTGGAACATCCTGGGGAAGTGGAGGGGCTGGAAGTGGGTGGGGAACAAGGCCCATGCC
GTATCCTTCTGGAATATGGGGTAGCAATGGTCTAGTATCAGGCACTAGCTTGGTGGGTAATG
GTCGATATCCAGCAGGCATCTGGGGGGGTAAATGGTGGTACCCAGTAGGCATCTGGGGGGGT
AGTGGTTCGATACCCAGCAGGCATCTGGGGGGGTAGTGGTTCGATACCCAGCAGGCATCTGGGG
25 GGGTAATGGTTCGGTACCCAGTAGGCAGCTGGGGGGGTAAATGGTTCGGTACCCAGTAGGCAGCT
GGGGGGGTATTGGTTCGGTATCCGGTAGGCAACTGGGGGGGTAAATGGTTCAGTACCCAGCAGGC
AGCTGGGGCAGTAATGGTTCGGTACCCAGCAGTAGCTGGGGGGCCAAGTCCAGTACCCAGC
AGGCAGCCGGGGGCCCAATTGTCTAGTATCCACCAGGGAGCTGGGGAGCTAAGGGTCAGAAAC
GGCTTCCCCCAGGAGTCAAACCTCCTGGCTCTTCTGGGGGCTCTCCCTAATGTTCCAAGTGG
30 TTTGGAGCCAGGTTAGAGATCAGCAGAAGCATGCTCAGTCCGGCCTAGTCACATGGTTTTCC
CTTCTCTTTCCATTTTTAAAGCCTCTGTTGACCTGAGCTAGTCACCAATAAACACAAGCAGT
TCTTGAAAAAAAAAAAAAAAAAAAAA

Mouse TCP #1 nucleotide sequence--SEQ ID NO:11

35 CCATCCTAATACGACTCACTATAGGGCTCGAGCGGCCGCCCGGGCAGGTGCAAGATGCAG
AGCCACGCAGGTGGGAGCCGGGCTCCCCTGGGCTTGCTCCTGATCTGTCTGTGCCTGCCA
GGTCTTTTTGCACGGAGCACTGGGGCACCAGAAGAAAAAGCCTCCCCACATTCCGGGACAA
CCTTCCTTACCAGCCTCCTTAACCTGGACAGCTTCAGCCCAAGCCAGACCCTGTGAAT
AATGAGTTACTAGGAGTTCTTCCCAGGCTCAGCGAATCTCCACAAGATGGTGTCTACCT
40 GAGGGCGGTTCTGAGGTGCCCAACGGGCCTCCTTTCTGGGGGCGCCCCCATGGAGTCC
TGGCCCTCAGAGGACCCTCAGCAAGGGATGGCTGCTGTTGCTGAGGACCAGTTAGAGCAA

ATGCTGCCAGAAGCCCTGCCATACCTTTCCAGAGGCGGTCGTCTGCCTGAGGCTTCCTCT
 GCACGGCTCAGGCAACCTTCACCAGCGGCTTCCTACCCTCAGGACTCCGAGGCTGGACTG
 CAGCCTGGTTCCAGTTCACTGGAAGCTGAGGCAGAAGCCTTTGCCCGAGCCCATTCTGG
 TTTCTCATCCACAAGCTTCTGCCTGGCTCATCTGGGAGGATCCTAAGGCCTGGAACATCC
 5 TGGGGAAGTGGAGGGGCTGGAAGTGGGTGGGGAACAAGACCCATGCCATATCCTTCTGGA
 ATATGGGGTAGCAATGGTTTATGATCAGGTACTAGCTTGGGGGGTAGGGGTCCTTACCCA
 GTAAGGATCTGGGGGAGAAATGGTTGGTACCCATTAAGGATCTTGGGGGGTAATGGTCCG
 TACCCCCCAGTAGGGACCTGGGGCGGTTATGGTCAGTACCCCCCAGTAGGGACCTGGGGG
 GGTATGGTCAGTACCCCCCAGTAGGACCTGGGGCGGTTATGGTCAGTACCCCCCAGTA
 10 GGGACCTGGGGGGCCAATTGCCAGTATCAGCAGGCAGCCGGAGGCCCAATTGTGCATAT
 CCAGCAGGTAGCTGGGGAACTAAAGGTGAGAATCGGCTTCCCCCAGGAGCCAAACGTCTT
 GGTCTTCTGGGATCACCCCCTAATCTCACAACTGGTTTGCAGCGGGGTTAGGGCTCAGT
 TGGGCCCAGTCACGTGGTTTCTCCTTCTCTTCCATTTTAAAGCCTCCTCTGTGACCA
 GAGCTGGTCACCAATAAATAACAAGCAGTTCTTGACAAAAA
 15 AAA

Rat TCP #2 nucleotide sequence--SEQ ID NO:12

CAAATGTCTGCCTAGCTCAGAACCCACCCCGTGAGGTCCATCATGTCCACTAACCCCTTCT
 CAAGACCCCTTTGAGTATGTCCCCAGTCTGTGCTTGAGCCAGGACTGTGCACAGCATCCTCTT
 20 GGAAGAGTACCAGTCTAGGCAGGAGCCACACATGGACAAGCAGCAGTTTCTGCAGCTG
 GAATTCTCTTGGCTGCCTTCCTAGTAGTTTCTGCTTCTACCCTGACCCTTCTCTCTACTAAT
 GGAGACCCCTGACCAGTTTCCCTCAGATCCTGGCACATCAGCTCAGCAAAGTAACAACATTCT
 ACTGGGCATCCTGACAGACAACACTGGCAGTATCAACTCAACTGAGAGGGAATCGGAGGCC
 TGGGGAGGAGGGCAGGAGCCTTTTCTACAGAAAGGAGCTGGGGGTGAGGAGTCTCCCCCAATG
 25 CCTGGCCCCCTCAGGCACAGTTACACCTGAACCAATTGCTCAGCCCTGACCACATCTGCAGC
 CTACATGGCTGCTGACTCTCAGCCAGTCTCCCTGAGGCTGAACCTGTAGAGGAAATCCTAG
 CCCTTGGAATTCTGGAACAATTACGATGTCTACACAGCCTTCTCCCATACATGGATCT
 GAGCCGAAGTTCAAGAAGGCCTTCAGACCTCCAGACCTGTTATGGCATACCCCCAATCCAC
 TGTCCAGATGCTAGTGCCTGCATGGAGGAATGGCCACTCCAGGCCAGAGGCATCCTCATCTG
 30 TGGCACTGGCTCCAAGAACATCCTTAGGACTGCCCTGTCTTTCCATGGATGCCTAACATACTG
 AAAGCTACAGAGCCCCTGTTGCCTGCGTCTCCTGGAAGATTAGGGCTGGACCTCACCTCCCA
 AGTGGGCTCCGGGTCAATTGAAGACACAGGCCAGTATCAGGTGGAGCCAATGACTCTCCTC
 AACCTCCTGTATCTGCGATTGTATCCTCAACTACAGACTCTTTCATTAAACCTCAAACCTT
 GCACCCAGACAGCTCTACAACCCAGCCACCTGGGCCATGGTTCCACACAGCCCAATCCGC
 35 ATGTCCACCTTCTCTCTCCAGCAGTCTCCAGCCCTCCCTCTACCCACACAGCTCTGGCTT
 ACACAGAGTCGTCTGTGGATGCTGAGCCTACCCAGGCCTCTACCCTCCCTCACCTTGGCCAG
 GCTATGTCTTTGCAAGCTTGAATTTCTCCACTCCAGGACCCAGGCATACGACCCACTCTGT
 GACCTTCAGGACCAACAGCAGCTGCTTCAGGATAGTGGTCTGGAGCCTGGTACCCTTGGAGT
 GCTGGCTGTTGAATAGGCTTATCTGCTACCAGCTCCAGCTCATCTACCACGAGGCTTTCTCC
 40 AACTTCAAGAATGTGAGTGCCTGCTGTTTCGGCCTGGCTCTACAGAGGTGAAAGCCTCCCT
 CGTTTTTGGTCTCCGGATCCCTCGGCTCTAGAGATCCTCTGGACTTTGTACCGCAAAGTGA

AGTCCTCAAGATGGTCACTTGGGTACCTGTCTTGGCCGACCATGGCCTTTCCTCTGACGGG
 TACAACACGAACGACCTGCGCCAGGAGACCATCAACATTAGCTTCACACTCATGAAGCCCTT
 CCTGCCTCAGCTGCTTCTGCCCAGTTCTCAGCCTTTTCTCCTGATGGAAAAGCAGACCCCTCC
 AGCTGGTCACCCATGAGGTATCAAGATTCTACAAGGCTGAGCTCCAGGAGCAGCCCTGCTC
 5 CTATTTCAGCAATGTGAAGGAGTGGGTGAGCATTATGTGGAATACAAGTTCAAGAGCCCCAT
 CCCCACCATCTCCAAGGCCTGGCTAGTCACCTGGCCCATCATATAACAGATCCCACCATCC
 AGAAATCCAGCATAGTGGCCAATGGGGAGAAAAGCAGATCTGGTGTTTTATGAGACATGGCTC
 TTGATCTTGGGTTACCCCTTCACCAAGCCTTGGAGAACAAAGACTAGTTCTGAATCCCAGAA
 GCTTCGTGGACTGCTGACGAGACAGCTAACCTCAGTCCTCCAGCCTCTGCAGAACTTTGGTC
 10 AAGTGGTGGTGGAGGAATTCCACCAGGAACCACTGACTGCCAGAGTGCAAAGTGCCTTCTTT
 GAGGCTGCACCAGCTCAGGCTGTCAATCAAGACTCCATGCTCCAAGCCCTGGGCTCCCTGCA
 GGAAGCTGAGGGTCTGCAGTTAGAGATGCTCCTCCAGTCCTTGGCACCCCCAGCTCCAGAG
 CCTCGAGAGGCCCCAGGGGTGGGGCCGTGTTAAACCTCCAGTTCATCACTTCTCTTTTGTCT
 CTGGTGGCCCTTTGTACTGCTCTTCCCTTCACCAAGAAGCAAACCCCATACCTCTTCTAGGA
 15 CACCTCACGCAGGGCTTCCAGACAGGACCTCAACCAAGGAGTAAAGCTGCAGGAGGCCAGGG
 CAGAAAGGACAAGCGCCGGCCTTACTGTCTTCAAGTTTCATGTTTACCCCCACCTCCACACCA
 CATAAACTGGGGAAAACACTCCCAAAAAAAAAAAAAAAAAAAAAA

Mouse TCP #2 nucleotide sequence--SEP ID NO:13

20 TCTTGGCAGGAGCCTGCAGTATGGACAAGCACTGGTTTCTGCAGCTGGAATTCTCTTGG
 CTGCCCTCCTAGTAGTCTCTGCTTCTACCCCTGACCTTCTCTCTACTAATGAAGACCCTG
 AGCAGTTTCCCTCAGCCCCTGGCACATCAGCTCAGCAAAGTAGCCGCATTCTACTGGGCA
 TCCTGACAGACGTCACTGGTGGTATCAACTCAGTTGAGAGGGAACCGGAGGCCCTGGGGA
 GGAGGGCAGGAGGCCTCTCTACAGAAGGAGCTGGGGGTGAGGAGTCTCCCTCAATGCCTG
 25 GCCCCCTCAGGCAGGGTCATACCTGAACCAATTCCCTCAGCCCTGACCACATCTGCATCCG
 ACATGGCCTCTCAGCCAGTGTCTCTGGGGCTGACCCTATAGAGGAAATCATGGCTCTTG
 GAACTCTAGAGACAATTACGATGTCACTACCAAGCCTTCTCCAGACATGAATCTGAGC
 AGAAGTTCGACAAGGTCTTCAGATCTCCACACCTGTTATGGTGTACCCCCAATTCCACTG
 TCTACATACCAGTGCCTGCATGGAGGGATGGCCACTCCAGGCCAGAGGCATCCTCATCTG
 30 TGCCACTAGCTCCAAGTACCTCCTTAGGACTGCCTATCTTTCCATGGATGCCTAACATAC
 TGAAAGCTACAGAGTCCCTGTTGCCTGCATCTCCTGGAAGATCAGGGCTGGACCTCACCT
 CCAAGTGGGCTCCAGAGCATCTGAAAACACCGTGGCTTTGGACACAGGCCAGTATCCC
 GTGGAGCCAGTGAATCTCTACAGACTACACCCTCAACTACAGACTCTTTCATTAAAACC
 TCAAACCTCGGACCCCAGATAGCTCTACAACCTAGTCACCCCTGGGCTATGGCTTCCCACC
 35 AGCCCAATCCACATGCCCACGCTCTCCCTCCAACATTTCTCTAGCCCTCCCTCTACCGCA
 CATAGCTCTGGCTTCACAGAGTCATCTGTACATGCTGATCCTACCCTGGCCTCTACCCTC
 CCTCACCCCTGGCCAGGATATGTCTTTGCAGGACTTGAGTTTCTCCACTGGAGGACGTAGT
 CATACGACCCACTCTGTGACCTTTAGGATCAACAGCAATCGCTTCACAAAAGCTGTCTGG
 AACCTGGTACCCTTGGAGCGCTGGCTGCTGAACAGGCTTATCTGCTACCAGCTCCGGTTC
 40 ATCTACCAGGAGGCCTTCCCCAACTTCAGGAATGTCAGCACCCCTGCTGTTTCGGCCTGGC
 TGTCCAGAGGTGAAAGCCTCCCTCATTTTGGTCTCCGGATCCCTCGTCCATAGAAATC

CTCTGGACTTTTGTATACCGCAAAGTGAAGTCTCTCCAGATGGTGCTGCTTGGGTACCTGTCCCTG
GCCGACCATGGCCTTTCTCTGTATGGGTACAGCATGACTGACCTTACCCAGGAAATCATC
AACATTAGCTTTCACACTCATGAGGCCCTTCTTGCCCCAGCTGCTTCTGCCTAGTTCTCAG
CCTTGTATCCTGCTGGAAAAGCAGACCATCCAGCTGGTCACCCACGAAGTGTCAAGATTCT
5 TACAAGGCTGAGCTCCAGAGCCAGCCCCTGCTCCTATTTCAGCAACGTGAAGGAGTGGGTG
AGCGTTTACATGGAATACAAATTC AAGAGCCCCATCCCCATCCGTTCTCCAAGGCC TGGCC
AGTCACCTGGCCCATCATATAACAGATCCCACCCTTCAGAAATCCAGCATAATGGCCAAT
GGGGAGAAAGCAGATCTGGTGTTTTATGAGATGTGGCTCTTGATCCTGGGTACCCCCCTTC
ACCAAGACCTTGAGAGCAAGACTAGTTCTGAGTGCCAGGAGCTTCGTGGACTGCTGACG
10 AGACAGCTAACCTCAGTTCTCCAGCCTTTGAAGAACTTTGGTCAAGTGGTGGTGGAGGAA
TTCCACCAGGAACCACTGACTGCCAGGGTACAAACGGCCTCTTTGGGGCTGTGCCAGCC
CAGGCCATCATTCAAGACACCGTGCTCCAAGCCCTGGGCTCCCTGCAGGAAACTGAGGGT
CTGCAGTTAGAGATGCTCCTCCCAGTCTTTGGCACCCTCCAGCTCCAGAGCCTCAAGAGGC
CCCAGGGGCGGGGCCATGCTGAACCTCCAGCGCTTCTACTTCTCTCTTTGTCTCTGGTGGCT
15 CTTTGTACGGCTCCTCCCTTCATCAATAAGCAAGCCCTATACCTCTCCTAGGTCACC

Rat TCP #3 nucleotide sequence--SEQ ID NO:14

CGCCTTTCCACTTTTCAGCCTCCATCACACCTGAGAGGCTGGGTGGAGGATCCTGTGAACCC
CAGGCCTGTCCCTGGGGGAGCCAGCCCTCAGTGTCTCACCCACAGCTGTGTCCACACCGCTA
TCATCATGGACAGGTTCCGAATGCTCTTCCAGAAGTTCAGTCCAGCTCGGAGTCGGTGACG
AACGGCATCTGCCTCCTGCTGGCTGCTGTCAACGTCGAAGATGTACTCCTCCCTCGACTTCAA
CTGTCCCTGCCTAGAGCGCTACAATGCCCTCTATGGCCTGGGCCTGCTGCTCACACCCCTC
TGGCCCTCTTCCCTCTGTGGTCTCTTGGTCAATAGACAGTCTGTGTTGATGGTGGAGGAGTGG
CGCCGGCCAGCAGGGCACCGGAGGAAGGACCTAGGCATCATCAGGTACATGTGCTCCTCTGT
GCTGCAGCGAGCTCTAGCAGCACCTCTGGTCTGGATCTTACTGGCCCTCCTTGATGGGAAGT
GTCTTGTGTGTGCCTTCAGCAACTCCGTTGACCCTGAGAAGTTTCTGGATTTTGCTAATATG
ACCCCCAGCCAGGTGCAGCTCTTCCCTAGCCAAGCTGCCCTGCAAGGAAGATGAGCTGGTTAA
AACCAACCCAGCTCGCAAGGCTGTGTCTCGGTACCTCCGGTGCCTGTCAAGGCCATCGGCT
GGAGTATAACCTTGCTGGTGATAGTGGTGGCCTTCCCTAGCCCGCTGTCTGAGGCCCTGCTTC
AACCAGACGGTCTTCCCTACAGCGCAGATACTGGACCAACTATATGGACCTGGAACAGAAGCT
CTTTGATGAGACATGCTGTGTAGCATGCGCGGGACTTCGCACATCGCTGCGTGCTGCACTTCT
TCGCAAGCATGCAGAGCGAGCTAGCGCTCTGGGGTTACATCGGGACCCAGCTGGTGAGATC
CTAGAGTCAAGGAACCCCGGAGCCCCCGGAGGAGCCGGGTAGTGAAAGCGGGAAGGCCCA
CCTGCGTGCAATCTCCAGCCGAGAGCAAGTGAATCACCTCCTAAGTACCTGGTACTCCAGCA
AGCCACCGCTTGACCTCGCAGCCTCCCCAAGGCTCTGGGAGCCTGGCCTCAATCATCGTGCC
CCTATAGCTGCTCCAGGCACCAAGCTGGGCCACCAGCTTGATGTATAGGGATCTTACAAGGC
TCCAACAGCAGGAGTTTTCCCGTGCCAAATTTCCCATGTTGGCACAGGTCTGGAAGCCAGCCT
CCCTTGCTGGCCTCCTTCCAGATAGCCCAGTATTTACCTAGTTTCTGGGTATATCCTCCTC
TGTGGACACCGTTCCTTCTGGGCCTGGATGAAGTTCAGAGTCTTATCCAGAGCCTTCAGACT
GAGTCTCTGAGTCTATCCTTTCCCTTCCATCCCTTCTTCTCCCTTCTTCTCCTCCTTCTTCT
TCCTCCCTTCTTCTCCTCCTCCTTTCTCCCTTTCTCCCTTGTCCTTTCTTTCTCTCCTCAC

5 TGGAACCTGCCCTACGGCCTGGTGTTCCTGCTGGTGCCTGCCCTCGCGCTTTTCCTCCTGGG
 ATATGCGCTGAGCGCGCGCACATGGCGCCTGCTCACC GGCTGCTGCTCCCGAGCGCGCGAT
 TCAGTTCGGGGTTGCGCAGCGCGTTTCGTGTGCGCCAGCTCAGCATGACCGCGGCATTTCGG
 CCCCTCACCTGGGTGGCCGTGGCGCTGCTCGAGGGCTCTTTCTACCAATGTGCTGTCAGCGG
 10 GAGCGCGCGCTTGGCGCCATACCTGTGCAAGGGCCGCGACCCCAACTGCAATGCCACGCTAC
 CGCAGGCTCCCTGCAACAAGCAGAAGGTGGAAATGCAGGAGATCCTGAGCCAGCTCAAGGCT
 CAGTCTCAGGTGTTTCGGTTGGATTCTGATAGCTGCCGTTATTATCTTACTTCTTCTTGTTAA
 GTCTGTGACCCGATGCTTCTCTCCGTTAGTTATCTGCAGTTAAAATTCTGGGAAATCTATT
 GGGAAAAGGAGAAGCAGATTCTTCAAAATCAAGCTGCAGAGAATGCGACACAGTTGGCCGAA
 15 GAGAAATGTTAGATGTTTCTTTGAGTGCTCGAAGCCGAAGGAATGCAACACTACAAGCAGTAA
 AGACTGGCAGGAAATCTCAGCGTTGTACACATTCAATCCCAAGAACCAGTTCTACAGCATGC
 TGCACAAGTATGTTAGCAGAGAAGAAATGAGCGGCAGTGTCCGCTCTGTGGAAGGAGATGCA
 GTGATCCCTGCCCTTGGCTTTGTAGATGACATGTCCATGACTAACACTCACGAACTATGATC
 TTACACAAGAACAGAAAAAAAATGTTTGAATGTTGCTTTTATATAAAAAAATAAATAT
 20 TGGTATATTTTAAAAAAAATAAATAT

Human 1 TCP #3 nucleotide sequence--SEQ ID NO:17

20 CCTTCCTCCTTCTAAGCTCCATCCTGGGACGTGCGGCTGTGGCCCCTGTACCTGGTCTGTC
 ATCTCCCTGCTGCGTGGTGAGGCTTATGTCTGTGCTCTCAGTGAGTTCGTGGACCCTTCCTC
 ACTCACGGCCAGGGAAGAGCACTTCCCATCAGCCACGCCACTGAAATCCTGGCCAGGTTC
 CCTGCAAGGAGAACCCTGACAACCTGTCAGACTTCCGGGAGGAGGTGAGCCGAGGCTCAGG
 TATGAGTCCCAGCTCTTTGGATGGCTGCTCATCGCGTGGTGGCCATCCTGGTGTTCCTGAC
 CAAGTGCCTCAAGCATTACTGCTCACCCTCAGCTACCGCCAGGAGGCCTACTGGGCGCAGT
 ACCGCGCAATGAGGACCAGCTGTTCCAGCGCACGCGCGAGGTGCACTCTCGGGTGCTCGCT
 25 GCCAACAATGTGCGCCGCTTCTTTGGCTTTGTGGCTCAACAAGGATGATGAGGAACTGAT
 TGCCAACCTCCCAGTGGAAGGCACGCAGCCACGGCTACAGTGAATGCCATCACCGGCGTCT
 ACTTGTACCGTGAGAACCAGGGCCTCCCACTCTACAGCCGCTGCACAAGTGGGCCCAGGGT
 CTGGCAGGCAACGGCGCGGCCCTGACAACGTGGAGATGGCCCTGCTCCCTCCTAAGGAGG
 TGCTTCCCATGCTCTTTGTAAATGGCACTACTTGGTCCAACTGAACCCCACTGCTTGCTC
 30 ACATCCATATCAGAAGGGGATTTTAAAAAACTGTTATCTTCTTGGCCAGGGGAAAGGACCA
 CAAGGCAATCTGGGGTGTGGACAGACCCAGTAGACAATGGAAGCCCCAGCCAGCAGGGCCAG
 GTGACAGTGAAGCTCACCAGTGGGCTCTTTATGGTACTCTATGCAGTTAATGTATCTAG
 CTGCATAGGGACACCCAGCGCAGCAGTGCACCACTGGGAAGTGGCCTCCAGTGCAGCCTCTG
 GCCTTATTTTATATATTTAAATTTTGATAAAGTTTTTCTTACTAAAAGGAAAAAAAAAAAA
 35 AAAAAAAAAAAAAA

Human 2 TCP #3 nucleotide sequence--SEQ ID NO:18

40 ATGGAGAAGTTTCGGGCGGTGCTGGACCTGCACGTCAAGCACCACAGCGCCTTGGGCTACGG
 CCTGGTGACCCTGCTGACGGCGGGCGGGGAGCGCATCTTCTCCGCGGTGGCATTCCAGTGCC
 CGTGACAGCGCCGCTGGAACCTGCCcTACGGCCTGGTCTTCTTGCTGGTGCCGGCGcTCGCG
 CTCTTCCTCCTGGGCTACGTGCTGAGCGCACGCACGTGGCGCCTGCTCACCGGATGCTGCTC

